

communication terminal, by way of the at least one
communication path and a router. The uplink and
downlink bandwidth rates are then calculated based on
the file size, a rate at which the file is received at
5 the terminal, and a rate at which the file is received
at the test node, respectively.

BRIEF DESCRIPTION OF THE DRAWINGS

The present invention will be more readily understood
from a detailed description of the preferred
10 embodiments taken in conjunction with following
figures:

Fig. 1 is a block diagram of a communication system 10
that includes a test node 22 constructed and operated
according to this invention.

15 Fig. 2 is a block diagram of a user communication
terminal 21 representing in further detail the test
node 22 and a user communication terminal 1 of the
system 10 of Fig. 1.

20 Figs. 3a-^{3c}~~3b~~ show a logical flow diagram of a method
for determining an amount of bandwidth available in a
communication path coupling multiple points in a
communication system, in accordance with one
embodiment of this invention.